

Rabbit anti-Human PLA2G4A/cPLA2 Polyclonal Antibody | anti-PLA2G4A/cPLA2 antibody

Rabbit anti-PLA2G4A/cPLA2 Antibody, Affinity Purified

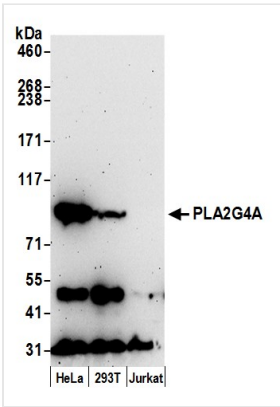
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213148	Rabbit	Human	Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

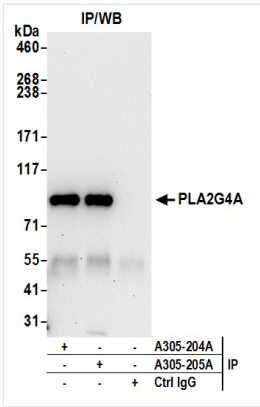
PLA2G4A/cPLA2; Polyclonal Antibody; Rabbit anti-PLA2G4A/cPLA2 Antibody; Affinity Purified; cPLA2-alpha; PLA2G4; phospholipase A2; group IVA (cytosolic; calcium-dependent); Phospholipase A2 group IVA; Phospholipase A2; phosphatidylcholine 2-acylhydrolase; cytosolic phospholipase A2; cPLA2; calcium-dependent phospholipid-binding protein; lysophospholipase; Cytosolic phospholipase A2; phospholipase A2 group IVA; anti-PLA2G4A/cPLA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PLA2G4A/cPLA2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 699 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of human PLA2G4A by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PLA2G4A antibody AAA213148 (lot AAA213148-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)
Detection of human PLA2G4A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PLA2G4A antibody AAA213148 (lot AAA213148-1) used for IP at 6 ug per reaction. PLA2G4A was also immunoprecipitated by rabbit anti-PLA2G4A antibody For blotting immunoprecipitated PLA2G4A, AAA213148 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-PLA2G4A/cPLA2 antibody	The gene PLA2G4A encodes a member of the cytosolic phospholipase A2 group IV family, cytosolic phospholipase A2. This enzyme catalyzes the hydrolysis of membrane phospholipids to release arachidonic acid which is subsequently metabolized into eicosanoids. Eicosanoids, including prostaglandins and leukotrienes, are lipid-based cellular hormones that regulate inflammatory responses. The hydrolysis reaction also produces lysophospholipids that are converted into platelet-activating factor [taken from NCBI Entrez Gene (Gene ID: 5321)].
Product Categories/Family for anti-PLA2G4A/cPLA2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5321
UniProt Accession #	P47712
UniProt Protein Name	Cytosolic phospholipase A2
UniProt Gene Name	PLA2G4A
UniProt Synonym Gene Names	CPLA2; PLA2G4; cPLA2
UniProt Entry Name	PA24A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pla2g4a-cpla2-antibody-immunoprecipitation-western-blot-elisa/213148>